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| Ref # | Hits  | Search Query                                                                                                     | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|-------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L16   | 5619  | (altimeter or altimetric)                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 10:31 |
| L17   | 86037 | radar                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 10:31 |
| L18   | 1781  | L16 and L17                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 10:31 |
| L19   | 8680  | oscillator same (random or randomly)                                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 10:31 |
| L20   | 1     | L18 and L19 and<br>@pd>="20050417" and<br>@ad<="20040217"                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 10:32 |
| L21   | 3560  | ((342/120-123) or (342/131) or<br>(342/132) or (342/134) or<br>(342/135) or (342/195) or<br>(342/200-205)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/09/01 10:37 |
| L22   | 1     | L21 and L19 and<br>@pd>="20050417" and<br>@ad<="20040217"                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 10:34 |
| L23   | 2     | ("4868917"   "5506582").PN. OR<br>("6278397").URPN.                                                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/09/01 10:33 |
| L24   | 26    | ("3208065"   "3217324"  <br>"3341849"   "3510595"  <br>"3663935").PN. OR ("3774206").<br>URPN.                   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/09/01 10:33 |

|     |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                   |    |    |                  |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| L25 | 26 | (US-6535162-\$ or US-6225943-\$<br>or US-6211812-\$ or US-5886663-\$<br>or US-5731781-\$ or US-5533038-\$<br>or US-5497160-\$ or US-5072223-\$<br>or US-4851852-\$ or US-4816834-\$<br>or US-4604622-\$ or US-4357610-\$<br>or US-4145692-\$ or US-4093949-\$<br>or US-4014021-\$ or US-3955198-\$<br>or US-3868686-\$ or US-3663935-\$<br>or US-3510595-\$ or US-3341849-\$<br>or US-3217324-\$ or<br>US-3208065-\$).did. or<br>(US-3510595-\$ or US-3341849-\$<br>or US-3217324-\$ or<br>US-3208065-\$).did. | USPAT;<br>USOCR                                                   | OR | ON | 2005/09/01 10:34 |
| L26 | 0  | 25 and @pd>="20050417" and<br>@ad<="20040217"                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 10:35 |
| L27 | 18 | 25 and @ad<="20040217"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 10:35 |

# SEARCH NOTES FOR EAST AND IEEE AND INSPEC AND IP.COM

**SERIAL NUMBER**

10780411

## **EAST SEARCH**

EAST: search history attached

Search terms:

## **IEEE SEARCH**

Search terms:

radar <and> (altimeter <or> altimetric) <and> (random <or> randomly)

- 1. Improving the detection capability of spatial failure modes using downward-looking sensors in terrain database integrity monitors**  
Vadlamani, A.; de Haag, M.U.;  
Digital Avionics Systems Conference, 2003. DASC '03. The 22nd  
Volume 2, 12-16 Oct. 2003 Page(s):9.C.5 - 91-12 vol.2
- 2. An algorithm for time series analysis of ice sheet surface elevations from satellite altimetry**  
Davis, C.H.; Segura, D.M.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 39, Issue 1, Jan. 2001 Page(s):202 - 206
- 3. Bistatic model of ocean scattering**  
Picardi, G.; Seu, R.; Sorge, S.G.; Neira, M.M.;  
Antennas and Propagation, IEEE Transactions on  
Volume 46, Issue 10, Oct. 1998 Page(s):1531 - 1541
- 4. Satellite laser altimetry of terrestrial topography: vertical accuracy as a function of surface slope, roughness, and cloud cover**  
Harding, D.J.; Bufton, J.L.; Frawley, J.J.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 32, Issue 2, March 1994 Page(s):329 - 339
- 5. Receiver characteristics of laser altimeters with avalanche photodiodes**  
Sun, X.; Davidson, F.M.; Boutsikaris, L.; Abshire, J.B.;  
Aerospace and Electronic Systems, IEEE Transactions on  
Volume 28, Issue 1, Jan. 1992 Page(s):268 - 275
- 6. Multibeam radar altimetry: spaceborne feasibility**  
Miller, L.S.; Brown, G.S.; Choy, L.W.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 29, Issue 3, May 1991 Page(s):465 - 469
- 7. Bathymetric and oceanographic applications of Kalman filtering techniques**  
Brammer, R.; Pass, R.; White, J.;  
Automatic Control, IEEE Transactions on  
Volume 28, Issue 3, Mar 1983 Page(s):363 - 371
- 8. The average impulse response of a rough surface and its applications**  
Brown, G.;  
Oceanic Engineering, IEEE Journal of

Volume 2, Issue 1, Jan 1977 Page(s):67 - 74

**9. Problems inherent in using aircraft for radio oceanography studies**

Walsh, E.;  
Oceanic Engineering, IEEE Journal of  
Volume 2, Issue 1, Jan 1977 Page(s):145 - 149

**10. Problems inherent in using aircraft for radio oceanography studies**

Walsh, E.;  
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988]  
Volume 25, Issue 1, Jan 1977 Page(s):145 - 149

**11. The average impulse response of a rough surface and its applications**

Brown, G.;  
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988]  
Volume 25, Issue 1, Jan 1977 Page(s):67 - 74

## INSPEC SEARCH

Search terms:

radar and (altimeter or altimetric) and (random or randomly)

Search strategy

No. Database Search term Info added

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1 INZZ

radar AND (altimeter OR  
altimetric) AND (random OR  
randomly)

unrestricted 33

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3

INSPEC -- 1969 to date (INZZ)

**Digital signal processing in a spaceborne radar altimeter.**

*Author(s)*

Crowley-R-D; Walker-D-M.

*Source*

Proceedings of 5th International Conference on Signal Processing Applications and Technology,  
vol.2, Dallas,

TX, USA, 18-21 Oct. 1994.

In: p.1338-43 vol.2, 1994.

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**Numerical analysis of the sea state bias for satellite altimetry.**

*Author(s)*

Glazman-R-E; Fabrikant-A; Srokosz-M-A.

*Source*

Journal-of-Geophysical-Research (USA), vol.101, no.C2, p.3789-99, 15 Feb. 1996. ,

Published: American

Geophys. Union.

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**Multibeam *radar* altimetry: spaceborne feasibility.**

***Author(s)***

Miller-L-S; Brown-G-S; Choy-L-W.

***Source***

IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.29, no.3, p.465-9, May 1991.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

**A satellite *radar altimeter* for a geodetic application.**

***Author(s)***

MacArthur-J-L; Goldfinger-A-D.

***Source***

54th Annual Meeting of the American Geophysical Union. (Abstracts only), Washington, DC, USA, 16-20

April 1973.

Sponsors: American Geophys. Union.

In: EOS-Transactions-of-the-American-Geophysical-Union (USA), vol.54, no.4, p.233, April 1973.

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***Radar altimeter* optimization for geodesy over the sea.**

***Author(s)***

Harger-R-O.

***Source***

IEEE-Transactions-on-Aerospace-and-Electronic-Systems (USA), vol .AES-8, no.6, p.728-42, Nov. 1972.

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1

## **IP.COM SEARCH**

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**Search query:** radar and (altimeter or altimetric) and (random or randomly)

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